From:	Ghassan Khoury
To:	Mark Hayes
Cc:	Sing Chia; Susan Webster
Subject:	Evaluation of samples at General Chemical, West Monroe, LA.
Date:	10/30/2006 04:10 PM

I looked at the laboratory results for the one groundwater seep sample and one soil sample at General Chemical in West Monroe, LA. The following are my comments:

1- It was not clear how the sample was collected and what type of QA/QC samples collected .
2- Was the samples filtered or not?
3- Why tested for only Aluminum instead of all metals?
4- What does the sample exactly represents?

The water sample had a high fecal coliform count 135 colonies/100ml. But the sample was not properly preserved for bacterial analysis. Repeat analysis if groundwater is a potential drinking water source.

sulfate in water was slightly above the National Secondary drinking water regulations, 268 mg/l compared to 250 mg/l. Health effects such as diarhea is not usually observed until the sulfates are higher than 500 mg/l.

Aluminum was higher than the National Secondary drinking water regulation. But the concentration does not explain the grayish color of the water.

The gray soil sample did not show high aluminum or sulfate to cause any health problem. The analysis does not explain the grayish color of the soil.

The analysis of this one sample did not show any major chemical concern. It had a high fecal coliform count but could not specify if contamination is in the ground water or due to imporper collection or preservation of the water sample. The analysis could not answer or explain the grayish/black color of the water sample or soil sample.

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